



Atty. Dkt. No. 039153-0457 (G1162)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lopatin et al.

Title: METHOD OF USING TERNARY  
COPPER ALLOY TO OBTAIN A  
LOW RESISTANCE AND LARGE  
GRAIN SIZE INTERCONNECT

Appl. No.: 09/994,395

Filing Date: 11/26/2001

Examiner: Magee, Thomas J.

Art Unit: 2811

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: <b>Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.</b>	
EV 227046868 US	05/13/2003
(Express Mail Label Number)	(Date of Deposit)
Sandra A. Murphy	
(Printed Name)	
<i>Sandra A. Murphy</i>	
(Signature)	

AMENDMENT TRANSMITTAL

Mail Stop NON-FEE AMENDMENT  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

RECEIVED  
MAY 16 2003  
TECHNOLOGY CENTER 2800

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a Small Entity statement previously submitted.
- ☐ Small Entity statement is enclosed.
- ☒ The fee required for additional claims is calculated below:

	Claims as Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	23	—	23	=	0	x	\$18.00	=	\$0.00
Independents:	3	—	3	=	0	x	\$84.00	=	\$0.00
First presentation of any Multiple Dependent Claims:						+	\$280.00	=	\$0.00
CLAIMS FEE TOTAL:									\$0.00

- ☐ Applicant hereby petitions for an extension of time under 37 C.F.R. § 1.136(a) for the total number of months checked below:

<input type="checkbox"/>	Extension for response filed within the first month:	\$110.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the second month:	\$410.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the third month:	\$930.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fourth month:	\$1,450.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fifth month:	\$1,970.00	\$0.00
EXTENSION FEE TOTAL:			\$0.00
CLAIMS AND EXTENSION FEE TOTAL:			\$0.00
<input type="checkbox"/>	Small Entity Fees Apply (subtract ½ of above):		\$0.00
TOTAL FEE:			\$0.00

☐ Please charge Deposit Account No. 06-1447 in the amount of \$0.00. A duplicate copy of this transmittal is enclosed.

☐ A check in the amount of \$0.00 is enclosed.

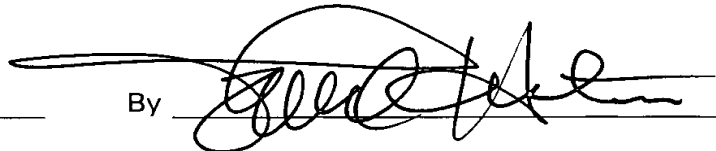
☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 06-1447.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

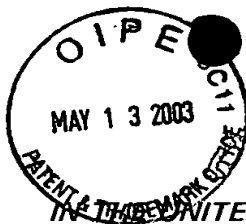
Date May 13, 2003

By



FOLEY & LARDNER  
Suite 3800  
777 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-5306  
Telephone: (414) 297-5728  
Facsimile: (414) 297-4900

Paul S. Hunter  
Attorney for Applicant  
Registration No. 44,787



Atty. Dkt. No. 039153-0457 (G1162)

#6/A  
5/20/03  
John H

Applicant: Lopatin et al.

Title: METHOD OF USING TERNARY  
COPPER ALLOY TO OBTAIN A  
LOW RESISTANCE AND LARGE  
GRAIN SIZE INTERCONNECT

Appl. No.: 09/994,395

Filing Date: 11/26/2001

Examiner: Magee, Thomas J.

Art Unit: 2811

<b>CERTIFICATE OF EXPRESS MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: <b>Commissioner for Patents, Washington, D.C. 20231.</b>	
<b>EV 227046868 US</b>	<b>05/13/2003</b>
(Express Mail Label Number)	(Date of Deposit)
<b>Sandra A. Murphy</b>	
(Printed Name)	
<i>Sandra A. Murphy</i>	
(Signature)	

**AMENDMENT**

Mail Stop NON-FEE AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RECEIVED  
MAY 16 2003  
TECHNOLOGY CENTER 2800

Sir:

This communication is responsive to the non-final Office Action dated February 13, 2003, concerning the above-referenced patent application.

The amendments presented below are in compliance with the revised amendment format permitted in the Notice from the Office of Patent Legal Administration of the U.S. Patent and Trademark Office dated February 10, 2003, and published at 1267 OG 106 on February 25, 2003. Thus, the provisions of 37 CFR 1.121(a), (b), (c) and (d) are waived for amendments made in this application to the claims, specification, and drawings.

**Amendments to the Specification** begin on page 3 of this document.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this document

**Remarks/Arguments** begin on page 9 of this document.

Please amend the application as follows: